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西藏一种新病蚤

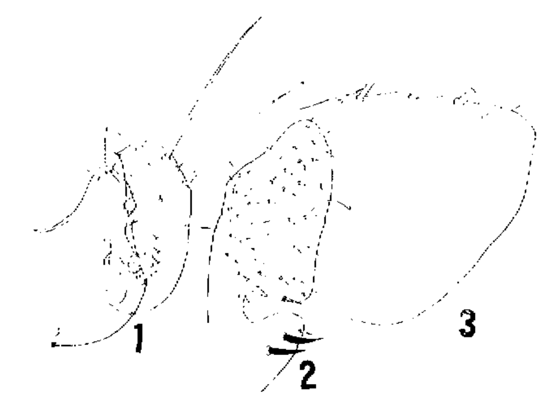
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中国科学院动物研究所考察队在西藏察隅采到一种病蚤属跳蚤，经鉴定后认为系一新种，现描述如下。

察隅病蚤（新种） *Nosopsyllus* (*Nosopsyllus*) *chayucnsis* Wang et Liu

鉴别特征　本新种与采自土耳其阿达纳的*Nosopsyllus sarinus* (Jordan et Rothschild, 1921)、印度西姆拉的*Nosopsyllus simla* (Jordan et Rothschild, 1921) 和印度旁遮普的 *Nosopsyllus punjabensis* (Jordan et Rothschild, 1921) 等很相似。但*N. sarinus*雄蚤第8背板背端向上翘起，阳茎钩突端部向后延伸且呈斜截状；而新种雄蚤第8背板背端略向下弯，阳茎钩突呈鹰嘴状。新种的可动突端背缘比*N. simla*和*N. punjabensis*更钝圆而隆出，第8背板后腹缘比*N. simla*更急剧地向下前方倾斜，而*N. punjabensis*第8背板后腹缘则直向下方然后再向前方倾斜。



形态记述　头：眼中等大小，额中部具额突。胸：前胸栉具18根刺。后胸背板及1—4腹节背板后缘的端小刺数两侧相加为4，4，4，3，2。腹：臀前鬃具1长鬃和1短鬃，短者在上位，其直径小于下位长鬃。变形节：♂可动突似人耳状，前缘上部较直，可动突后缘2根的长鬃中，下位1根比上位者略细而短。基节臼鬃处的不动突向上前方呈较平直的斜伸，该处呈较平的斜坡。第8背板背缘具4根长鬃和1根短小鬃。第9腹板后臂凹窦之下有2根亚刺鬃和1—2根细毛。♀形态不详。

完模标本单一雄性系1973年8月22日采自西藏察隅真空桥海拔约3800米处。寄主缺记录。标本保存于中国科学院动物研究所。

本文承柳支英教授、吴厚永同志提出宝贵意见，模式标本系中国科学院动物研究所路治邦同志采集，著者谨此一并致谢。本文于1980年10月3日收到。

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A NEW FLEA OF THE GENUS *NOSOPSYLLUS* FROM XIZANG

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Nosopsyllus (*Nosopsyllus*) *chayuensis* sp. nov.

Head with frontal tubercle. pronotal comb with 18 spines. Apical spinlets of metanotum and Ⅰ—Ⅳ abdominal segments on two side together are 4, 4, 4, 3, 2. Movable process of clasper ear-shaped, about 2.5 times as broad. Its posterior margin with a small hump just below the second long bristle. Distal arm of 9 st. with two stoutish bristles and 1—2 small setae below sinus. Longest apical bristle of hind tarsal segment II reaching beyond apex of III. Upper antesensilial bristle of male thinner than the middle.

Holotype single male collected from Cha-yu, Xizang on August 22, 1973. Host unknown. Specimen deposited in The Institute of Zoology, Academia Sinica, Beijing.

Nosopsyllus chayuensis sp. nov. is very similar to *N. sarinus* from Adana, Turkey, *N. simla* and *N. punjabensis* respectively from Simla and Punjab, India. But the posterior apex of 8 t. of *N. sarinus* curving upward, and apex of aedeagal crochet extending backward with truncate tip. The movable process of *N. chayuensis* sp. nov. with more rounded posterior margin than *N. simla* and *N. punjabensis*, and its 8 t. with more sloping postero-ventral margin than that of *N. simla*, while that of *N. punjabensis* extending directly downward.

附 图 说 明

察隅病蚤（新种）*Nosopsyllus* (*N.*) *chayuensis* sp. nov.

1.雄蚤抱器、 2.雄蚤第9腹板后臂。 3.雄蚤第8背板。